

18451

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
To Be Assigned 10/51833215866 TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371INTERNATIONAL APPLICATION NO.  
PCT/EP03/06357INTERNATIONAL FILING DATE  
17 June 2003 (17.06.2003)PRIORITY DATE CLAIMED  
19 June 2002 (19.06.2002)

## TITLE OF INVENTION

## COMBINATION ANTENNA FOR ARTILLERY AMMUNITION

## APPLICANT(S) FOR DO/EO/US

Volker Koch and Martin Hertel

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

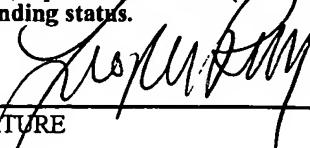
1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A power of attorney and/or change of address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. EL 871024863US
23.  Other items or information:

Three (3) Sheets of Drawings

Assignee: Diehl Munitionssysteme GmbH &amp; Co. KG of Röthenbach, Germany

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>To Be Assigned 104518332</b>	INTERNATIONAL APPLICATION NO. <b>PCT/EP03/06357</b>	ATTORNEY'S DOCKET NUMBER <b>18451</b>																
24. The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>																
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....</td> <td style="width: 20%; text-align: right; padding: 5px;">\$1110.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....</td> <td style="text-align: right; padding: 5px;">\$1000.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....</td> <td style="text-align: right; padding: 5px;">\$790.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right; padding: 5px;">\$750.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right; padding: 5px;">\$100.00</td> </tr> </table>		<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$1110.00	<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	\$1000.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$790.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$750.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$100.00	<b>\$1,000.00</b>						
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<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <b>\$0.00</b>		<b>\$0.00</b>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>9 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$88.00</td> </tr> <tr> <td colspan="3"><b>Multiple Dependent Claims (check if applicable).</b></td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	9 - 20 =	0	x \$18.00	Independent claims	1 - 3 =	0	x \$88.00	<b>Multiple Dependent Claims (check if applicable).</b>			<input type="checkbox"/>	<b>\$1,000.00</b>
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<b>Multiple Dependent Claims (check if applicable).</b>			<input type="checkbox"/>															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$0.00</b>																
<b>SUBTOTAL =</b> Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <b>\$0.00</b>		<b>\$1,000.00</b>																
<b>TOTAL NATIONAL FEE =</b> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<b>\$1,000.00</b>																
<b>TOTAL FEES ENCLOSED =</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%; padding: 5px;">A check in the amount of <u>\$1,040.00</u> to cover the above fees is enclosed.</td> <td style="width: 25%; text-align: right; padding: 5px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.</td> <td style="text-align: right; padding: 5px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-1013/SSMP</u></td> <td style="text-align: right; padding: 5px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</td> <td style="text-align: right; padding: 5px;"><input type="checkbox"/></td> </tr> </table>		A check in the amount of <u>\$1,040.00</u> to cover the above fees is enclosed.	<input checked="" type="checkbox"/>	b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.	<input type="checkbox"/>	c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-1013/SSMP</u>	<input type="checkbox"/>	d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.	<input type="checkbox"/>	<b>\$1,040.00</b>								
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right; padding: 5px;"><input type="checkbox"/> <b>Amount to be refunded</b></td> <td style="width: 50%; text-align: right; padding: 5px;">\$</td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> <b>charged</b></td> <td style="text-align: right; padding: 5px;">\$</td> </tr> </table>		<input type="checkbox"/> <b>Amount to be refunded</b>	\$	<input type="checkbox"/> <b>charged</b>	\$	<b>\$</b>												
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<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																		
<b>SEND ALL CORRESPONDENCE TO:</b> <b>Leopold Presser, Esq.</b>																		
<b>Correspondence Address</b> <b>Customer No. 23389</b>																		
<b>SIGNATURE</b>  <b>Leopold Presser</b>																		
<b>NAME</b> <b>19,827</b>																		
<b>REGISTRATION NUMBER</b> <b>December 15, 2004</b>																		
<b>DATE</b>																		

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Volker Koch, et al.

Docket No.  
107518332  
18451

Application No. To Be Assigned	Filing Date Herewith	Examiner Unassigned	Customer No. 23389	Group Art Unit Unassigned
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Invention: COMBINATION ANTENNA FOR ARTILLERY AMMUNITION

I hereby certify that the following correspondence:

NEW U.S. PATENT APPLICATION UNDER 35 U.S.C. §371

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 15, 2004

(Date)

Leopold Preller

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EL 871024863 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

LP:jy

10/518332

DT01 Rec'd PCT/PTC 15 DEC 2004

IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

VERIFICATION OF TRANSLATION

I, Michael Wallace Richard Turner, Bachelor of Arts, Chartered Patent Attorney, European Patent Attorney, of 1 Horsefair Mews, Romsey, Hampshire SO51 8JG, England, do hereby declare that I am conversant with the English and German languages and that I am a competent translator thereof;

I verify that the attached English translation is a true and correct translation made by me of the attached specification in the German language of International Application PCT/EP03/06357;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: November 12, 2004

M W R Turner

M W R Turner